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Method for Chemical Analysis of Silicon and Ferrosilicon

SAFETY PRECAUTIONS

This method does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user of this method to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to its use.

1 SCOPE AND FIELD OF APPLICATION

Chemical analysis of silicon and ferrosilicon will follow the method outline in ASTM E-3 Proposal p-184.

2 REFERENCES

ASTM E-3 P-184
Proposed Method for Chemical Analysis of Silicon and Ferrosilicon,

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AOAC 962.02
Phosphorus (Total) in Fertilizers
Gravimetric Quinolinium Molybdophosphate Method

SAFETY PRECAUTIONS

This method does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user of this method to establish appropriate safety and health pract ices and determine the applicability of regulatory limitations prior to its use.

This is a duplicate method. Please see USCL 31-02.

1 SCOPE AND FIELD OF APPLICATION

2 REFERENCES

AOAC 962.02
Phosphorus (Total) in Fertilizers
Gravimetric Quinolinium
Molybdophosphate Method

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ASTM E 291
Test Method for Chemical Analysis of Caustic Soda and Caustic Potash (Sodium Hydroxide and Potassium Hydroxide)

SAFETY PRECAUTIONS

This method does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user of this method to establish appropriate safety and health pract ices and determine the applicability of regulatory limitations prior to its use.

1 SCOPE AND FIELD OF APPLICATION

This method covers only the analyses usually required on the following commercial products: caustic soda (sodium hydroxide), 50% and 73% liquors; anhydrous (solid, flake, ground, or powdered), caustic potash (potassium hydroxide), 45% liquor, anhydrous (solid, flake, ground or powdered). These methods may be applicable in the analysis of commodities of Chapter 28 of the Harmonized Tariff Schedule of the Unite States (HTSUS).

2 REFERENCES

ASTM E 291
Test Method for Chemical Analysis of Caustic Soda and Caustic Potash (Sodium Hydroxide and Potassium Hydroxide)

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ASTM E 397
Test Methods for Chemical Analysis of Tungsten

SAFETY PRECAUTIONS

This method does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user of this method to establish appropriate safety and health pract ices and determine the applicability of regulatory limitations prior to its use.

1 SCOPE AND FIELD OF APPLICATION

This method is intended primarily for quantitative analysis. In this method there are procedures for complete separation by cenchonine participation and weighed as tungsten oxide.

This method is intended primarily for quantitative analysis of tungsten bearing materials. A general procedure for ores and minerals is also included.

2 REFERENCES

ASTM E 397
Test Methods for Chemical Analysis of Tungsten

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ASTM D 3280
Test Methods for Analysis of White Zinc Pigments

SAFETY PRECAUTIONS

This method does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user of this method to establish appropriate safety and health pract ices and determine the applicability of regulatory limitations prior to its use.

1 SCOPE AND FIELD OF APPLICATION

These methods cover procedures for the analysis of white zinc pigments. Also, there is a brief discussion for determination of titanium dioxide. This method is used for the analysis of white zinc pigments when more than identification is required for Customs purposes.

2 REFERENCES

ASTM D 3280
Test Methods for Analysis of White Zinc Pigments

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ASTM E 1371
NHM - 1994
Test Method for Gravimetric Determination of Phosphorus in Phosphorus-Copper Alloys or Phosphorus- Copper-Silver Alloys

SAFETY PRECAUTIONS

This method does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user of this method to establish appropriate safety and health pract ices and determine the applicability of regulatory limitations prior to its use.

1 SCOPE AND FIELD OF APPLICATION

This method covers the gravimetric determination of phosphorus in phosphorus-copper or phosphorus-copper silver alloys containing 1 to 15% phosphorus.

2 REFERENCES

ASTM E 1371
Test Method for Gravimetric Determination of Phosphorus in Phosphorus-Copper Alloys or Phosphorus-Copper-Silver Alloys